

## WEST Search History for Application 10551736

Creation Date: 2009090411:29

374/\$.ccls.PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-03-2008  
(11453117 ) and (tube near junction or junction)PGPB ADJ YES 11-03-2008  
(374/100, 110, 111, 112, 113, 114, 115;135, 136, 137, 163, 183, 185, 179,  
208;73/865.5;136/200)![CCLS]PGPB, USPT, USOC, EPAB, JPAB ADJ 11-03-2008  
((374/100, 110, 111, 112, 113, 114, 115;135, 136, 137, 163, 183, 185, 179,  
208;73/865.5;136/200)![CCLS] ) and (thermocouple near rake)PGPB, USPT, USOC, EPAB,  
JPAB ADJ YES 11-03-2008  
((374/100, 110, 111, 112, 113, 114, 115;135, 136, 137, 163, 183, 185, 179,  
208;73/865.5;136/200)![CCLS] ) and (rake)PGPB, USPT, USOC, EPAB,  
JPAB ADJ YES 11-03-2008  
((374/100, 110, 111, 112, 113, 114, 115;135, 136, 137, 163, 183, 185, 179,  
208;73/865.5;136/200)![CCLS] ) and (vessel near temperature)PGPB, USPT, USOC, EPAB,  
JPAB ADJ YES 11-03-2008  
((374/100, 110, 111, 112, 113, 114, 115;135, 136, 137, 163, 183, 185, 179,  
208;73/865.5;136/200)![CCLS] ) and (lever near15 temperature)PGPB, USPT, USOC, EPAB,  
JPAB ADJ YES 11-03-2008  
(level) near15 (liquid or fluid or vessel or container)PGPB, USPT, USOC, EPAB,  
JPAB ADJ YES 11-03-2008  
((level) near15 (liquid or fluid or vessel or container) ) and ((374/100, 110, 111, 112, 113, 114,  
115;135, 136, 137, 163, 183, 185, 179, 208;73/865.5;136/200)![CCLS] )PGPB, USPT, USOC,  
EPAB, JPAB ADJ YES 11-03-2008  
374/136PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-03-2008  
374/137PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-03-2008  
(374/137 ) and (temperature sensor or thermal probe or thermal sensor or temperature probe  
or thermal detector or temperature detector)PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD ADJ YES 11-03-2008  
(7004625.pn. ) and (pooley or spool or reel)USPT ADJ YES 11-03-2008  
374/4.ccls.USPT ADJ YES 11-03-2008  
374/\$.ccls.USPT ADJ YES 11-03-2008  
(374/\$.ccls. ) and (tube near connect\$3 or cylindrical near  
connect\$3)USPT ADJ YES 11-03-2008  
(374/\$.ccls. and (tube near connect\$3 or cylindrical near connect\$3) ) and ((374/100, 110, 111,  
112, 113, 114, 115;135, 136, 137, 163, 183, 185, 179, 208;73/865.5;136/200)![CCLS] )PGPB,  
USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-03-2008  
(374/137, 136, 110, 111, 112, 113)![CCLS]PGPB, USPT, USOC, EPAB, JPAB ADJ 11-03-2008  
((374/137, 136, 110, 111, 112, 113)![CCLS] ) and (cylindrical near conduit)PGPB, USPT, USOC,  
EPAB, JPAB ADJ YES 11-03-2008  
((374/137, 136, 110, 111, 112, 113)![CCLS] ) and (374/\$.ccls. and (tube near connect\$3 or  
cylindrical near connect\$3) )PGPB, USPT, USOC, EPAB, JPAB ADJ YES 11-03-2008  
374/137USPT ADJ YES 11-03-2008  
(374/137 ) and (thermo near well or cable)USPT ADJ YES 11-03-2008  
374/136USPT ADJ YES 11-03-2008  
(374/137, 139, 140, 141, 142, 26, 170;266/274;222, 590, 594)![CCLS]PGPB, USPT, USOC,  
EPAB, JPAB ADJ 11-06-2008  
((374/137, 139, 140, 141, 142, 26, 170;266/274;222, 590, 594)![CCLS] ) and (molten or melt or  
molten bath or molten metal or molten steel or molten iron or molten aluminum)PGPB,

USPT, USOC, EPAB, JPAB ADJ YES 11-06-2008  
 ((374/137, 139, 140, 141, 142, 26, 170;266/274;222, 590, 594)! [CCLS] ) and (molten or molten bath or molten metal or molten steel or molten iron or molten aluminum)PGPB, USPT, USOC, EPAB, JPAB ADJ YES 11-06-2008  
 ((374/137, 139, 140, 141, 142, 26, 170;266/274;222, 590, 594)! [CCLS] ) and (container)PGPB ADJ YES 11-06-2008  
 ((374/137, 139, 140, 141, 142, 26, 170;266/274;222, 590, 594)! [CCLS] and (molten or molten bath or molten metal or molten steel or molten iron or molten aluminum) ) and (level)PGPB, USPT, USOC, EPAB, JPAB ADJ YES 11-06-2008  
 374/\$.ccls.PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-07-2008  
 (374/\$.ccls. ) and (molten same level)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-07-2008  
 (374/\$.ccls. and (molten same level) ) and (thermocouple\$1)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-07-2008  
 (374/\$.ccls. ) and (load\$3 near molten)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-07-2008  
 (load\$3 near molten)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-07-2008  
 ((load\$3 near molten) ) and (thermocouple or molten near level)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-07-2008  
 (averag\$3 near temperature or threshold near temperature or predetermin\$3 near temperature)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-07-2008  
 ((averag\$3 near temperature or threshold near temperature or predetermin\$3 near temperature) ) and ((load\$3 near molten) and (thermocouple or molten near level) )PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-07-2008  
 (averag\$3 near temperature or threshold near temperature or predetermin\$3 near temperature) same (molten metal)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-07-2008  
 374/\$.ccls.PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-07-2008  
 (374/\$.ccls. ) and ((averag\$3 near temperature or threshold near temperature or predetermin\$3 near temperature) same (molten metal) )PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-07-2008  
 4984904.pn.USPT ADJ YES 11-13-2008  
 (4984904.pn. ) and (process\$3)USPT ADJ YES 11-13-2008  
 (4984904.pn. ) and (control\$4)USPT ADJ YES 11-13-2008  
 374/\$.ccls.PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-13-2008  
 (374/\$.ccls. ) and (comar\$3 near15 threshold)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-13-2008  
 (374/\$.ccls. ) and (compar\$3 near15 threshold)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-13-2008  
 (374/\$.ccls. ) and (compar\$3 near threshold)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-13-2008  
 (374/\$.ccls. and (compar\$3 near threshold) ) and (alarm\$3 or warning or shut\$3 or turn\$3)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-13-2008  
 (374/\$.ccls. and (compar\$3 near threshold) ) and (alarm\$3 or warning or shut\$3 or turn\$3) and (average near temperature)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ YES 11-13-2008  
 4362403.pn.USPT ADJ YES 11-13-2008  
 (4362403.pn. ) and (averag\$3)USPT ADJ YES 11-13-2008  
 4672842.pn. and (averag\$3)USPT ADJ YES 11-13-2008  
 4915507.pn. and (averag\$3)USPT ADJ YES 11-13-2008  
 2071531.pn.USPT ADJ YES 11-13-2008

63312810USOC, EPAB, JPAB, DWPI ADJ YES 11-13-2008  
62261928USOC, EPAB, JPAB, DWPI ADJ YES 11-13-2008  
62261928EPAB, JPAB ADJ YES 12-02-2008

## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
(374/100, 163, 185, 183, 179, 208, 141, 143, 144, des10/57;116/200;600/474, 549;136/200;73/866.5)![CCLS]	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		09-03-2009
((374/100, 163, 185, 183, 179, 208, 141, 143, 144, des10/57;116/200;600/474, 549;136/200;73/866.5)![CCLS] ) and ((thread\$4) near (sens\$3 or detect\$3 or probe or thermocouple or gauge or transducer) )	PGPB, USPT, USOC, EPAB, JPAB	ADJ	YES		09-03-2009
10551736	PGPB	ADJ	YES		09-04-2009
(10551736 ) and (thermocouple)	PGPB	ADJ	YES		09-04-2009
(10551736 ) and (thermocouple) and (resist\$3 or thermistor)	PGPB	ADJ	YES		09-04-2009
374/\$.ccls.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-04-2009
(374/\$.ccls. ) and (liquid near level or fluid near level or molt\$2 near level or hydrocarbon near level or melt near level)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-04-2009
(374/\$.ccls. and (liquid near level or fluid near level or molt\$2 near level or hydrocarbon near level or melt near level) ) and (temperature)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-04-2009
(374/\$.ccls. and (liquid near level or fluid near level	PGPB,	ADJ	YES		09-04-2009

or molt\$2 near level or hydrocarbon near level or melt near level) and (temperature) ) and (level near sens\$3 or level near detect\$3 or level near probe or level near gauge or level near transducer)	USPT, USOC, EPAB, JPAB, DWPI, TDBD				
(374/\$.ccls. and (liquid near level or fluid near level or molt\$2 near level or hydrocarbon near level or melt near level) and (temperature) and (level near sens\$3 or level near detect\$3 or level near probe or level near gauge or level near transducer) ) and (shut off or switch off)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-04-2009
4915145.pn.	USPT	ADJ	YES		09-04-2009
4919543.pn.	USPT	ADJ	YES		09-04-2009